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ABSTRACT OF THE DISCLOSURE

A rectifying section 2, and a DCDC converter 3 which lowers an input DC voltage and then outputs the voltage are disposed between an AC generator 1 and a load 4. When the output voltage Vt of the AC generator 1 is gradually lowered with starting from E0, the output power P is increased, and is maximum at Vt = V12. When the output voltage Vt is further lowered, the output power P is reduced. As an operating point at which the same output power P is obtained, there are a point of Vt = V11, and that of Vt = V13. The operation of the DCDC converter 3 is controlled so as to operate at the point of Vt = V13 where the output current I is lower.

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